

[First Hit](#) [Fwd Refs](#)[Previous Doc](#) [Next Doc](#) [Go to Doc#](#)**End of Result Set** [Generate Collection](#) [Print](#)

L4: Entry 17 of 17

File: USPT

Jan 4, 2000

DOCUMENT-IDENTIFIER: US 6011020 A  
TITLE: Nucleic acid ligand complexes

Detailed Description Text (125):

Small unilamellar vesicles (SUV) composed of distearoylphosphatidylcholine (DSPC), cholesterol (Chol), and distearoylphosphatidylglycerol (DSPG) were prepared using formulations with the molar ratios shown in Table 3. Four compositions containing varying molar percentages of DSPG, a negatively-charged lipid, were prepared to evaluate the effect of negative Liposome charge on the incorporation of a polyanionic Nucleic Acid Ligand. The lipids were dissolved in CHCl<sub>1</sub>.sub.3, mixed and dried under a steady stream of nitrogen. The dried lipid film was further dried and stored under vacuum overnight prior to hydration. The lipid film was hydrated with a pH 7.4 phosphate buffer solution (PBS), containing Na<sub>1</sub>.sub.2 HPO<sub>4</sub>.sub.4 (1.15 g/L), NaH<sub>2</sub>PO<sub>4</sub> (0.228 g/L), and sucrose (90 g/L), at 65.degree. C. to yield a 50 mg/mL lipid suspension. The hydrated lipid suspension was then sonicated for 15-30 min using a probe-type sonicator until an opalescent solution was obtained.

[Previous Doc](#) [Next Doc](#) [Go to Doc#](#)

## Refine Search

### Search Results -

Terms	Documents
(dmpe adj5 cholesterol adj5 dspg) same liposome	2

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**Search:** L5

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### Search History

**DATE:** Wednesday, November 21, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
<u>L5</u>	(dmpe adj5 cholesterol adj5 dspg) same liposome	2	<u>L5</u>
<u>L4</u>	(\$pc adj5 cholesterol adj5 dspg) same liposome	17	<u>L4</u>
<u>L3</u>	(pc adj5 cholesterol adj5 dspg) same liposome	0	<u>L3</u>
<u>L2</u>	(hspc adj5 cholesterol adj5 dspg) same liposome	1	<u>L2</u>
<u>L1</u>	(hapc adj5 cholesterol adj5 dspg) same liposome	0	<u>L1</u>

END OF SEARCH HISTORY